

**Table 1S:** Summary of average cell yield and CFU-f from good and poor trochlear responders for collagenase- and explant-derived BMSCs, highlighting the difference between good and poor trochlear responders.

Responder	Collagenase-derived		Explant-derived	
	Trochlea Upper	Trochlea Lower	Trochlea Upper	Trochlea Lower
	Cell yield (X10E6/g)		Cell yield (X10E6/g)	
Good	5.25 ± 1.8	4.45 ± 1.7	2.3 ± 1.4	0.97 ± 0.07
Poor	1.73 ± 0.66	1.93 ± 0.52	2.3 ± 0.6	0.6 ± .07
	CFU-f (%)		CFU-f (%)	
Good	53.2 ± 3.4	55.2 ± 3.8	41.2 ± 6.6	38 ± 3.6
Poor	33.4 ± 7.7	39.5 ± 12.1	28 ± 0.7	34 ± 4.9